

What is claimed is:

1. An electrical inspection apparatus that performs an electrical inspection using an inspection probe that is brought into contact with at least one surface of a printed board, said electrical inspection apparatus comprising:

a reference position regulating member that is brought into contact with a first surface of the printed board, whereby the printed board is fixed at a reference position that is determined in advance in a normal direction; and

a pressing member that is brought into contact with a second surface of the printed board opposite to the first surface, so that the printed board is held between the reference position regulating member and the pressing member,

wherein the inspection probe is brought into contact with a prescribed portion of the printed board, which differs from a first area in which the reference position regulating member is brought into contact with the printed board and a second area in which the pressing member is brought into contact with the printed board.

2. The electrical inspection apparatus according to claim 1, wherein the pressing member defines the reference position when it comes in contact with the printed board that is regulated in position upon contact with the reference position regulating member.

3. The electrical inspection apparatus according to claim 1, wherein at least one absorbing member is arranged for either the reference position regulating member or the pressing member.

4. The electrical inspection apparatus according to claim 3, wherein the pressing member defines the reference position when it comes in contact with the printed board that is regulated in position upon contact with the reference position regulating member.
5. The electrical inspection apparatus according to claim 1, wherein the inspection probe is arranged in a direction accompanied with either the reference position regulating member or the pressing member with respect to the printed board.
6. The electrical inspection apparatus according to claim 5, wherein the pressing member defines the reference position when it comes in contact with the printed board that is regulated in position upon contact with the reference position regulating member.
7. The electrical inspection apparatus according to claim 1, wherein a plurality of inspection probes are arranged relative to both of the reference position regulating member and the pressing member with respect to the printed board.
8. The electrical inspection apparatus according to claim 7, wherein the pressing member defines the reference position when it comes in contact with the printed board that is regulated in position upon contact with the reference position regulating member.
9. The electrical inspection apparatus according to claim 1, wherein under a condition where the reference position regulating member is placed in contact with the

first surface of the printed board, the inspection probe is brought into contact with the second surface of the printed board at a position that differs from a position at which the pressing member presses the second surface of the printed board within an area in which the pressing member is located opposite to the reference position regulating member with respect to the printed board, thus performing the electrical inspection.

10. The electrical inspection apparatus according to claim 1, wherein the reference position regulating member has a through hole, so that under a condition where the pressing member presses the second surface of the printed board, the inspection probe is brought into contact with the first surface of the printed board via the through hole, thus performing the electrical inspection.

11. The electrical inspection apparatus according to claim 1, wherein at least one of the reference position regulating member and the pressing member has a through hole, which allows the inspection probe to penetrate therethrough and to come in contact with the printed board.

12. The electrical inspection apparatus according to claim 1, wherein at least one of the reference position regulating member and the pressing member has a cutout portion, which allows the inspection probe to project therethrough and to come in contact with the printed board.

13. The electrical inspection apparatus according to claim 1 further comprising at least one of an upper-side detector equipped with an inspection probe and a lower-side detector equipped with an inspection probe,

wherein said upper-side detector comprises a lower surface that functions as the pressing member, and a hole having an opening on the lower surface in which the inspection probe is installed to be retracted from the opening of the lower surface,

and wherein said lower-side detector comprises an upper surface that functions as the reference position regulating member, and a hole having an opening on the upper surface in which the inspection probe is installed to be retracted from the opening of the upper surface.